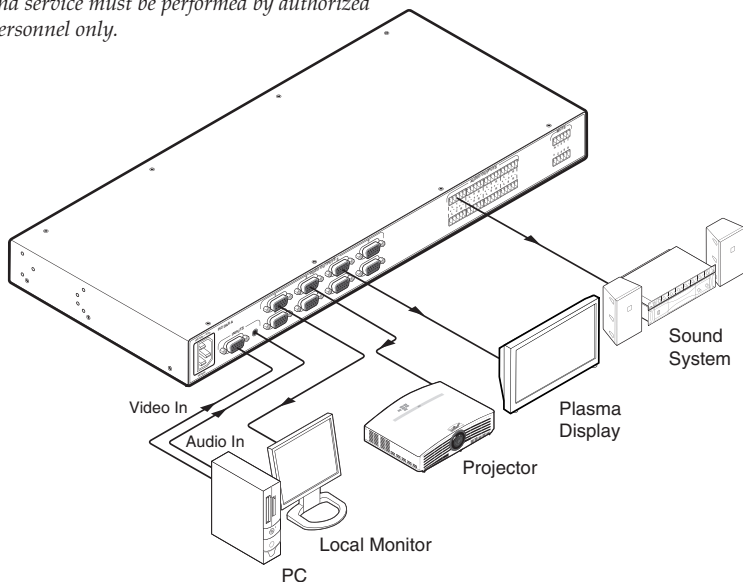


Setup Guide — P/2 DA8 and DA12 Series

The Extron® P/2 DA8 and P/2 DA12 series of distribution amplifiers distribute video (all models) and stereo audio (P/2 DA8 A and P/2 DA12 A models only). Unless otherwise stated, these instructions apply to all four models.

IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

WARNING *These instructions provide a quick setup guide for experienced installers. Installation and service must be performed by authorized personnel only.*



Installation

Step 1

Turn all the equipment off and disconnect all cables.

Step 2

Place the unit on a convenient table top or mount it in a rack, under a desk, or on a projector mounting system. Follow the instructions included with the appropriate mounting kit.

Step 3

Use the provided IEC connector to connect the unit to a convenient power socket. The internal power supply supports 100-240 VAC, 50-60 Hz.

CAUTION *Always use a power supply specified by Extron for this unit. Use of an unauthorized power supply voids all regulatory compliance certification and may cause damage to the supply and the distribution amplifier.*

Step 4

Connect a video source to the video input, using a female DB-15 connector. Acceptable input formats include: RGBHV, RGBS, RGSB, RsGsBs, YUV (tri-level and bi-level sync), S-video, and composite video.

Step 5 (P/2 DA8 A and P/2 DA12 A models only)

Connect an unbalance audio source to the female 3.5 mm TRS connector.

Step 6

Connect up to eight (P/2 DA8 series) or twelve (P/2 DA12 series) display devices using female DB-15 connectors. The output signal format follows that of the input.

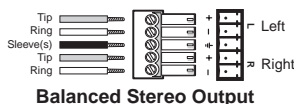
NOTE *Output 1 is used for DDC reference.*

(Continued on reverse side)

Setup Guide — P/2 DA8 and P/2 DA12 Series (cont'd)

Step 7 (P/2 DA8 A and P/2 DA12 A models only)

Connect up to eight (P/2 DA8 A) or twelve (P/2 DA12 A) audio output devices to the 3.5 mm 5-pole captive screw connectors. Outputs can be balanced or unbalanced.

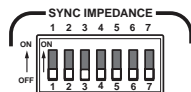


CAUTION For unbalanced audio, connect the sleeve(s) to the center contact ground. **DO NOT** connect the sleeve(s) to the negative (-) contacts.

Configuration

Sync impedance DIP switches

Set the front panel DIP switches to correct for sync impedance mismatches, or to solve laptop compatibility issues on the video input or reflection problems on the video output.



Switch 1 (sync input impedance) — The default setting is Off (510 ohms). If the image from the laptop is unstable, slide DIP switch 1 to On (10k ohms).

Switches 2-7 (sync output impedance) — Each of these switches controls a pair of outputs simultaneously (see the table below). The default setting is Off (50 ohms). If the front LED is green and all the input and output cables are connected correctly, but there is no image on the display, slide the switch to On (75 ohms).

| Switch | Function | Sync Impedance (ohms) | |
|--------|-----------------------|-----------------------|-----|
| | | On | Off |
| 1 | Input sync | 10,000 | 510 |
| 2 | Output 1 and 2 sync | 75 | 50 |
| 3 | Output 3 and 4 sync | 75 | 50 |
| 4 | Output 5 and 6 sync | 75 | 50 |
| 5 | Output 7 and 8 sync | 75 | 50 |
| 6 | Output 9 and 10 sync | 75 | 50 |
| 7 | Output 11 and 12 sync | 75 | 50 |

NOTE Switches 6 and 7 are available only on the P/2 DA12 series models.

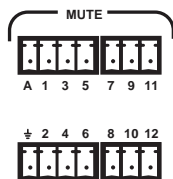
Mute control

The mute control provides a way to mute individual outputs, or all outputs at once. Audio and video for each output are muted simultaneously.

Each output is assigned to a pin on the captive screw connector. To mute any output, short its pin to the ground pin (⊖). Multiple outputs can be shorted at the same time. To mute all outputs at once, short pin A (all) to the ground pin.

The P/2 DA8 A model uses two 5-pole, 3.5 mm captive screw connectors.

The P/2 DA12 A model (shown at right) uses two 4-pole, 3.5 mm connectors and two 3-pole, 3.5 mm connectors.



If you have problems with the output from any of these distribution amplifiers, please consult the Troubleshooting section of the full manual, which is available online at www.extron.com.

If the problems persist, contact the [Extron service department](http://www.extron.com).

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